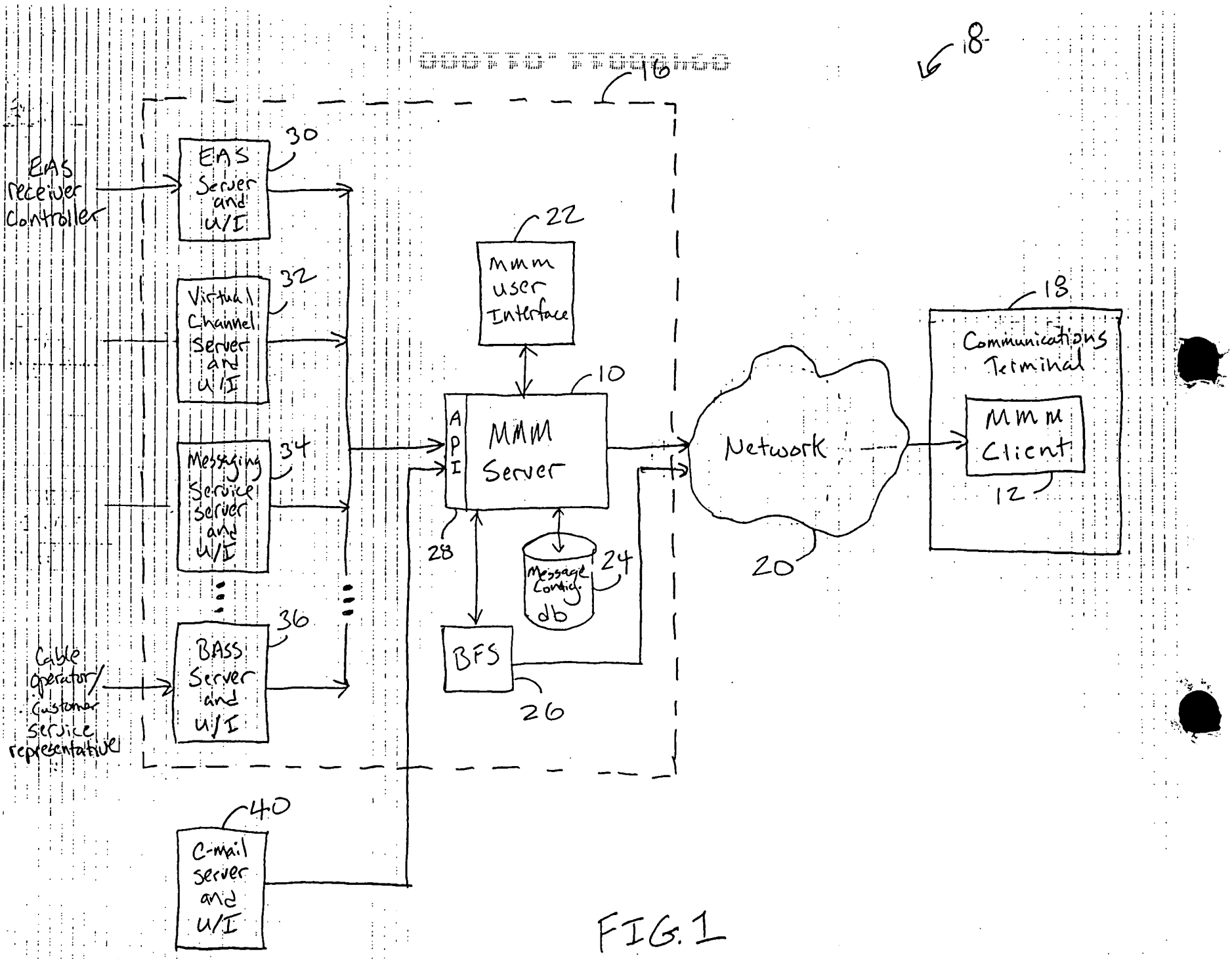
18
16
EAS receiver Controller
30
EAS Server and U/I
32
Virtual Channel Server and U/I
34
Messaging Service Server and U/I
36
BASS Server and U/I
Cable operator/ Customer Service representative
22
MMM User Interface
10
API
MMM Server
28
Message Config. db
24
BFS
26
Network
20
Communications Terminal
MMM Client
12
40
E-mail server and U/I

FIG. 1

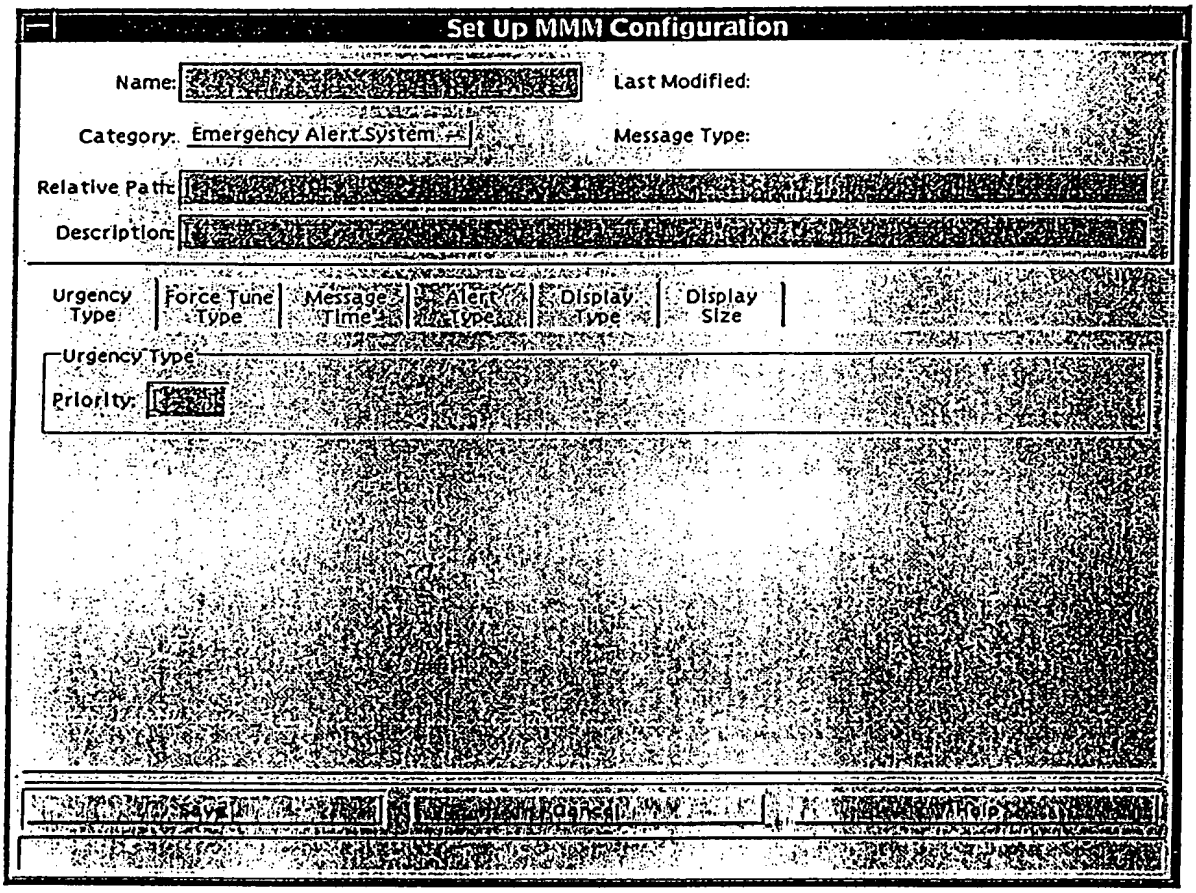
Set Up MMM Configuration
Name:
Last Modified:
Category:
Emergency Alert System
Message Type:
Relative Path:
Description:
Urgency Type
Force Tune Type
Message Time
Alert Type
Display Type
Display Size
Urgency Type
Priority:

FIG. 2A

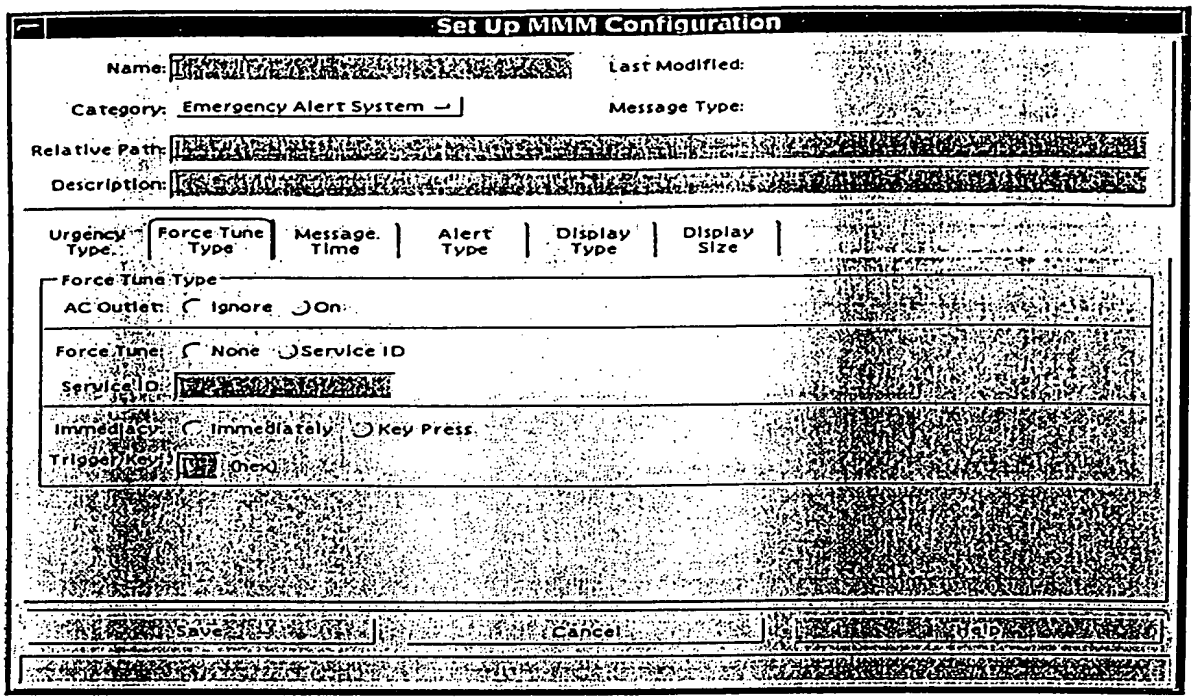
Set Up MMM Configuration
Name:
Last Modified:
Category: Emergency Alert System
Message Type:
Relative Path:
Description:
Urgency Type
Force Tune Type
Message Time
Alert Type
Display Type
Display Size
Force Tune Type
AC Outlet: Ignore On
Force Tune: None Service ID
Service ID:
Immediacy: Immediately Key Press
Trigger Key:
Save
Cancel
Help

FIG.2B

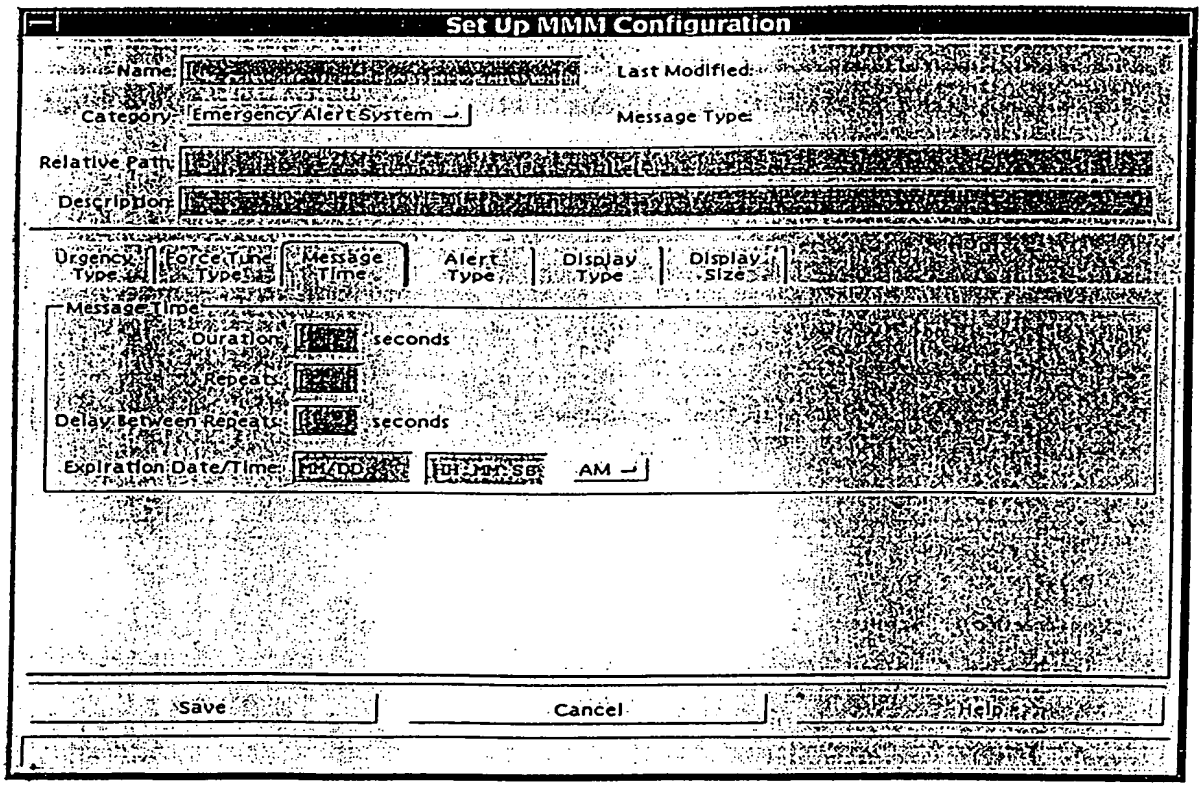
Set Up MMM Configuration
Name:
Last Modified:
Category: Emergency Alert System
Message Type:
Relative Path:
Description:
Urgency Type
Force Tune Type
Message Time
Alert Type
Display Type
Display Size
Message Time
Duration: seconds
Repeats:
Delay Between Repeats: seconds
Expiration Date/Time: MM/DD/YY HH:MM:SS AM
Save
Cancel
Help

FIG.2C

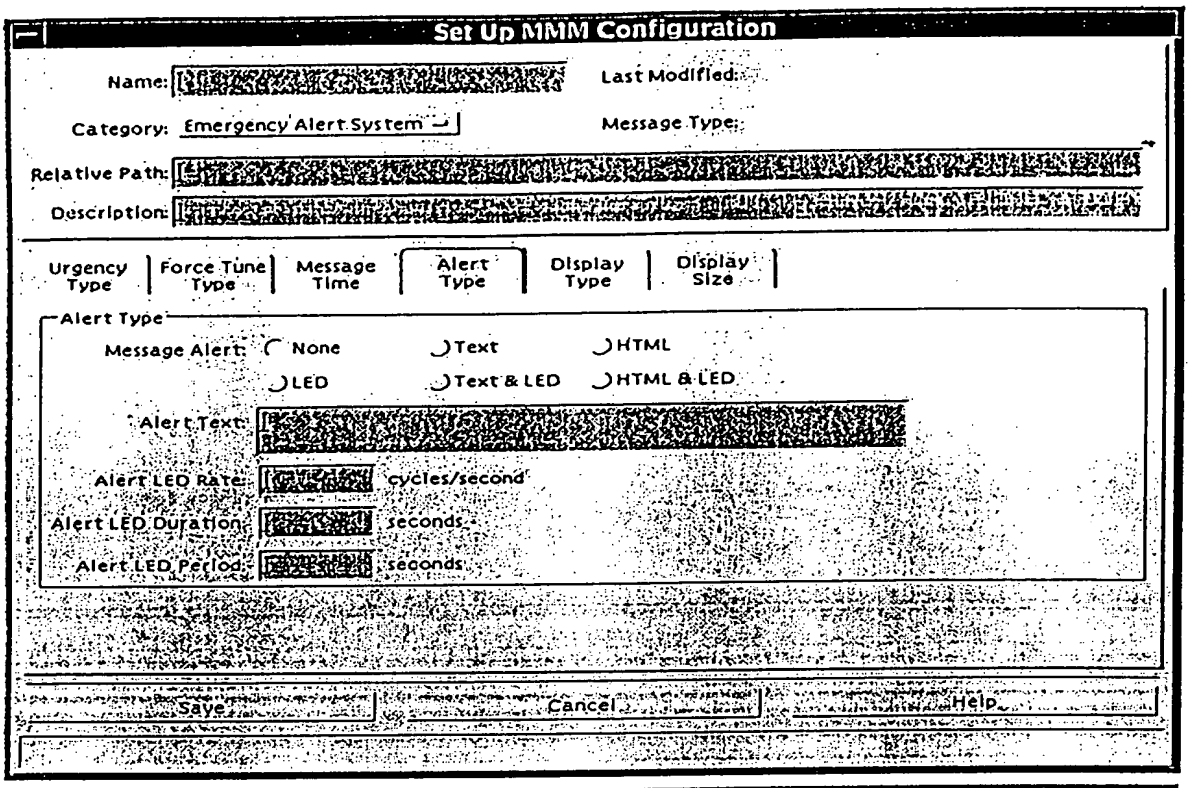
Set Up MMM Configuration
Name:
Last Modified:
Category: Emergency Alert System
Message Type:
Relative Path:
Description:
Urgency Type
Force Tune Type
Message Time
Alert Type
Display Type
Display Size
Alert Type
Message Alert: None Text HTML
LED Text & LED HTML & LED
Alert Text:
Alert LED Rate: cycles/second
Alert LED Duration: seconds
Alert LED Period: seconds
Save
Cancel
Help

FIG. 2D

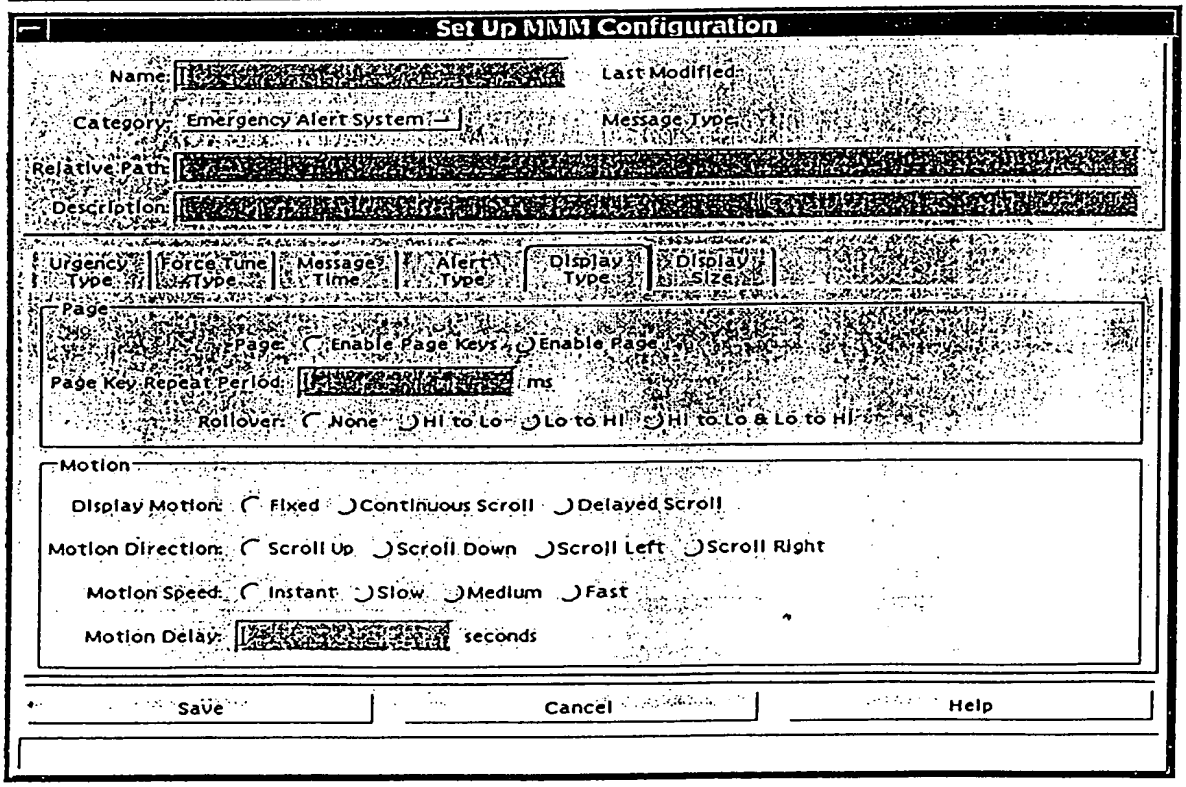
Set Up MMM Configuration
Name:
Last Modified:
Category: Emergency Alert System
Message Type:
Relative Path:
Description:
Urgency Type
Force Tune Type
Message Time
Alert Type
Display Type
Display Size
Page
Page Enable Page Keys Enable Page
Page Key Repeat Period: ms
Rollover: None Hi to Lo Lo to Hi Hi to Lo & Lo to Hi
Motion
Display Motion: Fixed Continuous Scroll Delayed Scroll
Motion Direction: Scroll Up Scroll Down Scroll Left Scroll Right
Motion Speed: Instant Slow Medium Fast
Motion Delay: seconds
Save
Cancel
Help

FIG. 2E

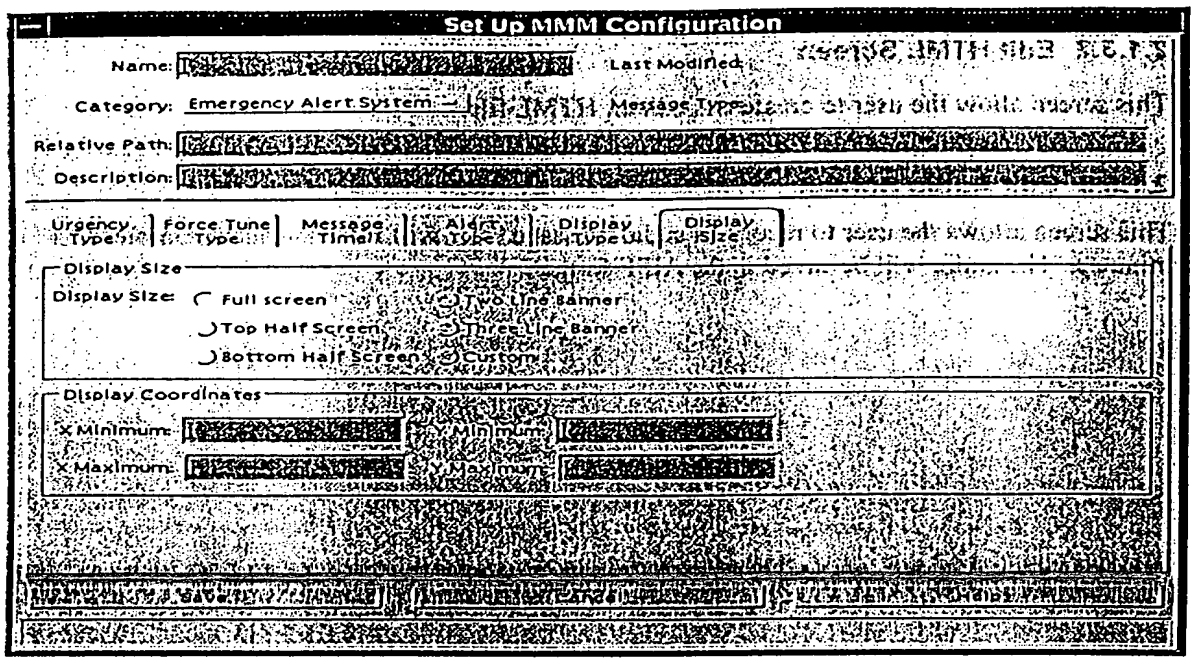
Set Up MMM Configuration
Name:
Last Modified:
Category:
Emergency Alert System
Relative Path:
Description:
Urgency Type
Force Tune Type
Message Timeout
Alert Type
Display Type
Display Size
Display Size
Display Size:
Full screen
Top Half Screen
Bottom Half Screen
Two Line Banner
Three Line Banner
Custom
Display Coordinates
X Minimum:
Y Minimum:
X Maximum:
Y Maximum:

FIG. 2F

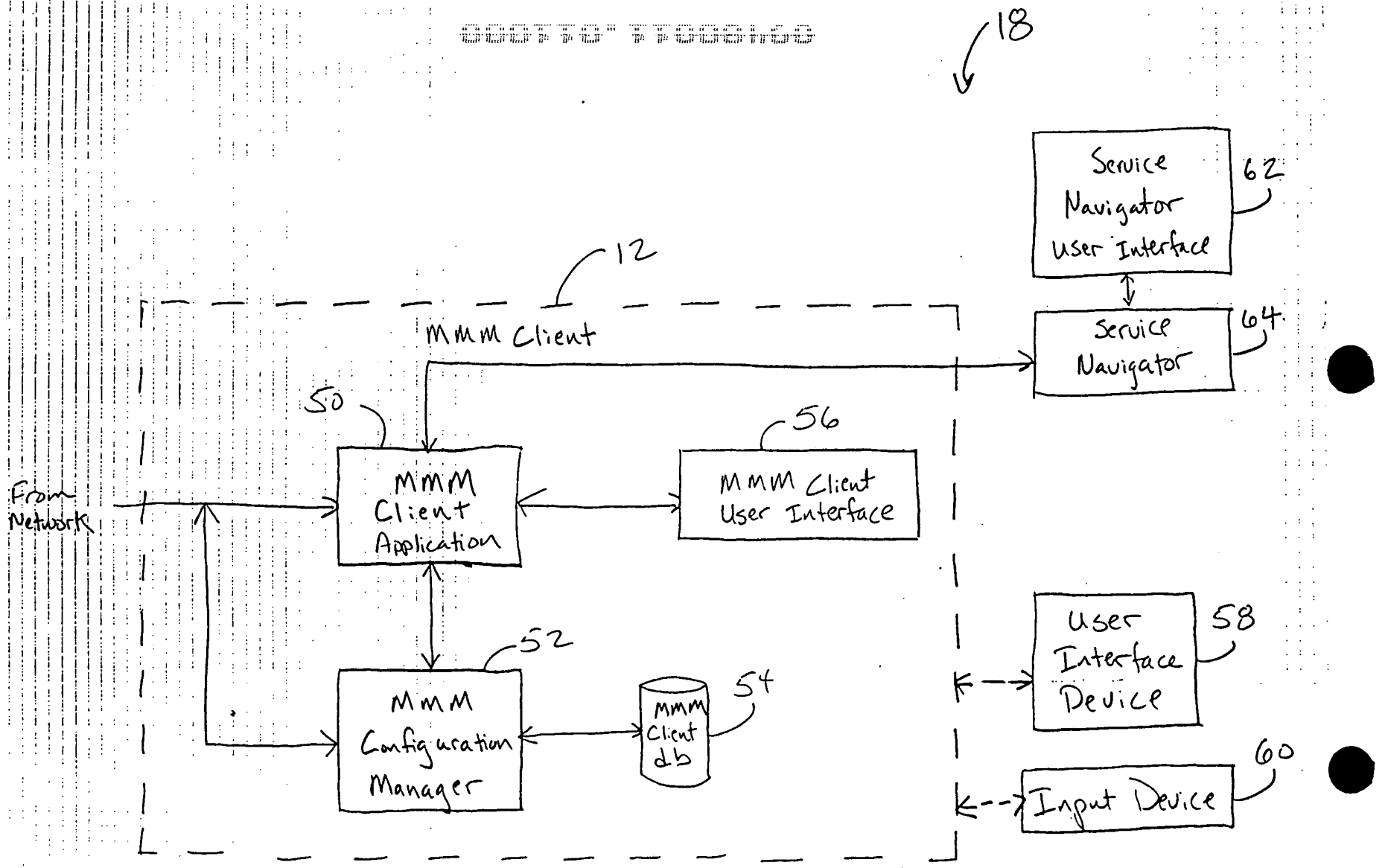
18
Service Navigator User Interface
62
12
MMM Client
Service Navigator
64
50
56
From Network
MMM Client Application
MMM Client User Interface
52
User Interface Device
58
MMM Configuration Manager
MMM Client db
54
60
Input Device

FIG. 3

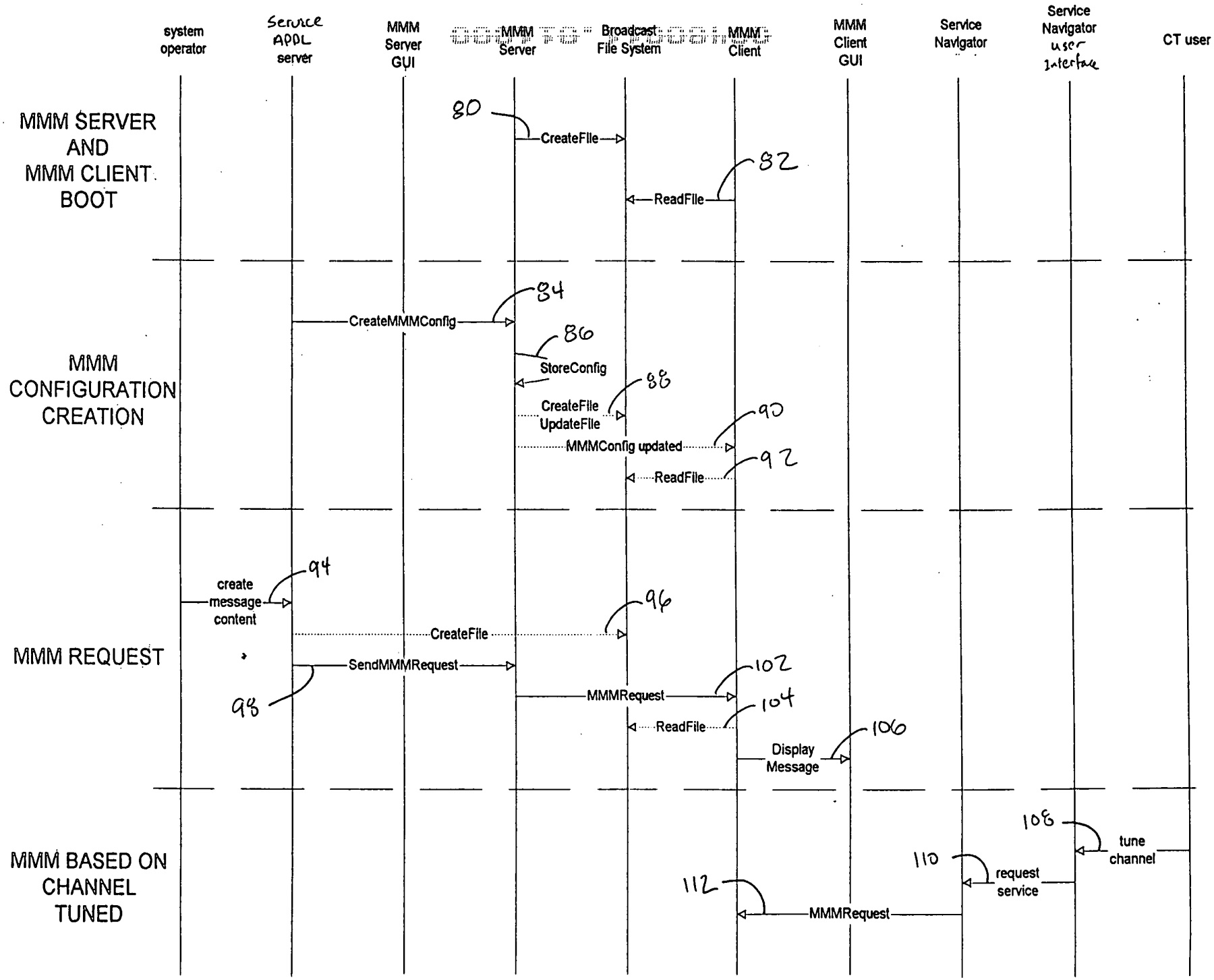
system operator
Service APDL server
MMM Server GUI
MMM Server
Broadcast File System
MMM Client
MMM Client GUI
Service Navigator
Service Navigator user interface
CT user
MMM SERVER AND MMM CLIENT BOOT
MMM CONFIGURATION CREATION
MMM REQUEST
MMM BASED ON CHANNEL TUNED
80
CreateFile
82
ReadFile
84
CreateMMMConfig
86
StoreConfig
88
CreateFile
UpdateFile
90
MMMConfig updated
92
ReadFile
94
create message content
96
CreateFile
98
SendMMMRequest
102
MMMRequest
104
ReadFile
106
Display Message
108
tune channel
110
request service
112
MMMRequest

FIG. 4